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**polyEthylene@ continuous polymerisation for extrusion blowing for casings
- using Ziegler catalyst and metallocene-aluminoxane silane catalyst
system, for wider distribution of mol.wt. and lower melt flow index**

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Patent Family:

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|-------------|------|----------|-------------|------|----------|----------|
| EP 720989 | A1 | 19960710 | EP 95402974 | A | 19951229 | 199632 B |
| FR 2728906 | A1 | 19960705 | FR 9415929 | A | 19941230 | 199634 |
| JP 8231625 | A | 19960910 | JP 95340658 | A | 19951227 | 199646 |
| EP 720989 | B1 | 19990901 | EP 95402974 | A | 19951229 | 199940 |
| DE 69511838 | E | 19991007 | DE 611838 | A | 19951229 | 199947 |
| | | | EP 95402974 | A | 19951229 | |
| ES 2137472 | T3 | 19991216 | EP 95402974 | A | 19951229 | 200006 |

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Abstract (Basic): EP 720989 A

Continuous homopolymerisation of ethylene or copolymerisation with an alpha -olefin, at 160-300 deg. and 400-3000 bars, in a reactor comprising a zone in which the residence time of the catalysts is 1-150 seconds., involves the simultaneous but separate introduction of:

(a) a Ziegler catalyst system; and

(b) a catalytic system of metallocene/alumoxane.

USE - Suitable for extrusion-blowing to form casings.

ADVANTAGE - The (co)polymer has a wider distribution of mol.wt., and also a lower melt flow index (1-4 g/10 minutes).

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Derwent Class: A17; E11; E12

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